

VAN STRAATEN CHEMICAL COMPANY

630 WEST WASHINGTON BLVD.
CHICAGO, ILLINOIS 60606
(312) 454-1000 (TELEX 25-3556)

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

Manufacturer's Name Van Straaten Chemical Company Telephone No. (312) 454-1000

Address 630 West Washington Blvd., Chicago, Illinois 60606

TRADE NAME Van Straaten 653

SYNONYMS

II HAZARDOUS INGREDIENTS

Material or Component	%	CAS No.	Hazard Data
Tetrachlorophenol	1-5	25167-83-3	LD ₅₀ (rat) 130mg/kg
Petroleum Oil	50-70	64742-52-5	TLV=5mg/M ³
Phenol	1-5	108-95-2	Oral LD ₅₀ (rat) = 414mg/kg
Contains no other ingredients now known to be hazardous as defined in			
Illinois Public Act 83.240, OSHA 29 CFR 1910.1200 (subpart z), OSHA 29 19 0.1200,			
and the National Fire Protection Association List of Hazardous Substances.			

III PHYSICAL DATA

Boiling Point, 760MM HG	NA	Melting Point NA
Specific Gravity(H ₂ O=1)	0.937 - 0.947	Vapor Pressure Negligible
Vapor Density (Air=1)	Unknown	Solubility in H ₂ O, % By Wt. emulsifiable
% Volatiles by Vol.	Negligible @ 70°F	Evaporation Rate(Butyl Acetate=1)
Appearance and Odor	Brown, transparent mild fragrant odor	pH 20/1: 8.7 - 9.0 40/1: 8.5 - 8.8

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IV FIRE AND EXPLOSION DATA

Flash Point	COC: 280°F	Fire Point	305°F
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Flammable Limits in Air % by Vol.	Lower	NA	Upper	NA
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Extinguishing Media: CO₂, foam, dry chemical

Special Fire Fighting Procedures: Treat as an oil fire.

Unusual Fire and Explosion Hazard: None known.

V HEALTH HAZARD INFORMATION

Health Hazard Data: Applies to concentrate; hazard potential reduces at use conc.

Routes of Exposure and Effects of Overexposure

Inhalation: TLV for product not established. Refer to Hazardous Materials List for ingredient TLV's.

Skin Contact: Continued contact may cause irritation.

Skin Absorption: Skin absorption is not expected to occur.

Eye Contact: Will cause eye irritation.

Ingestion: LD₅₀ not established; do not ingest.

Emergency and First Aid Procedures

Eyes: Flush with water for 15 minutes; consult physician.

Skin: Wash with soap and water.

Inhalation: If irritation occurs, remove to fresh air area and avoid further inhalation.

Ingestion: Consult physician.

Notes to Physician:

Van Straaten 653	VI REACTIVITY DATA
Conditions Contributing to Instability: None. Stable under normal conditions.	
Incompatability: Avoid contact with strong oxidizing agents and mineral acids.	
Hazardous Decomposition Products: Complete combustion: HCl(g), and oxides of carbon, sulfur, and nitrogen.	
Conditions Contributing to Hazardous Polymerization: Will not polymerize.	
VII SPILL OR LEAK PROCEDURES	
Steps To Be Taken If Material Is Released Or Spilled: Small spills may be flushed into waste treatment systems with water. Pick up large spills with an oil absorbent.	
Waste Disposal Method: Non-biodegradable components of used emulsions must removed prior to disposal. Acid-alum or alum-polymeric deemulsifiers may be used.	
VIII SPECIAL PROTECTION INFORMATION	
Ventilation Requirements: If misting occurs, provide local ventilation.	
Specific Personal Protective Equipment	
Respiratory (Specify in Detail)	If excessive misting occurs, or if associated TLV is exceeded, provide NIOSH approved respiratory equipment with TC-21C-140 cartridge combination.
Eye	Face shield or goggles.
Gloves	None required.
Other Clothing And Equipment	None required.

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IX SPECIAL PRECAUTIONS

Precautionary Statements

**Other Handling and
Storage Requirements**

Wash contaminated clothing before use.
Bring products to room temperature before use.
Keep drums closed when not in use.
Avoid contact with eyes.
Avoid breathing mists.
Do not take internally.


Prepared By: John K. Howell, Director of Research

Address: Van Straaten Chemical Company
630 W. Washington Blvd.
Chicago, IL 60606

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